

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019845.D
 Acq On : 11 Dec 2020 00:01
 Operator : JC/MD
 Sample : L4983-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR1-A-TOP

Quant Time: Dec 11 03:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	313596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	525366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	489573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	200349	48.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.22%		
35) Dibromofluoromethane	5.46	113	163015	48.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.02%		
50) Toluene-d8	8.70	98	644068	49.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.38%		
62) 4-Bromofluorobenzene	11.12	95	226759	45.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.92%		

Target Compounds

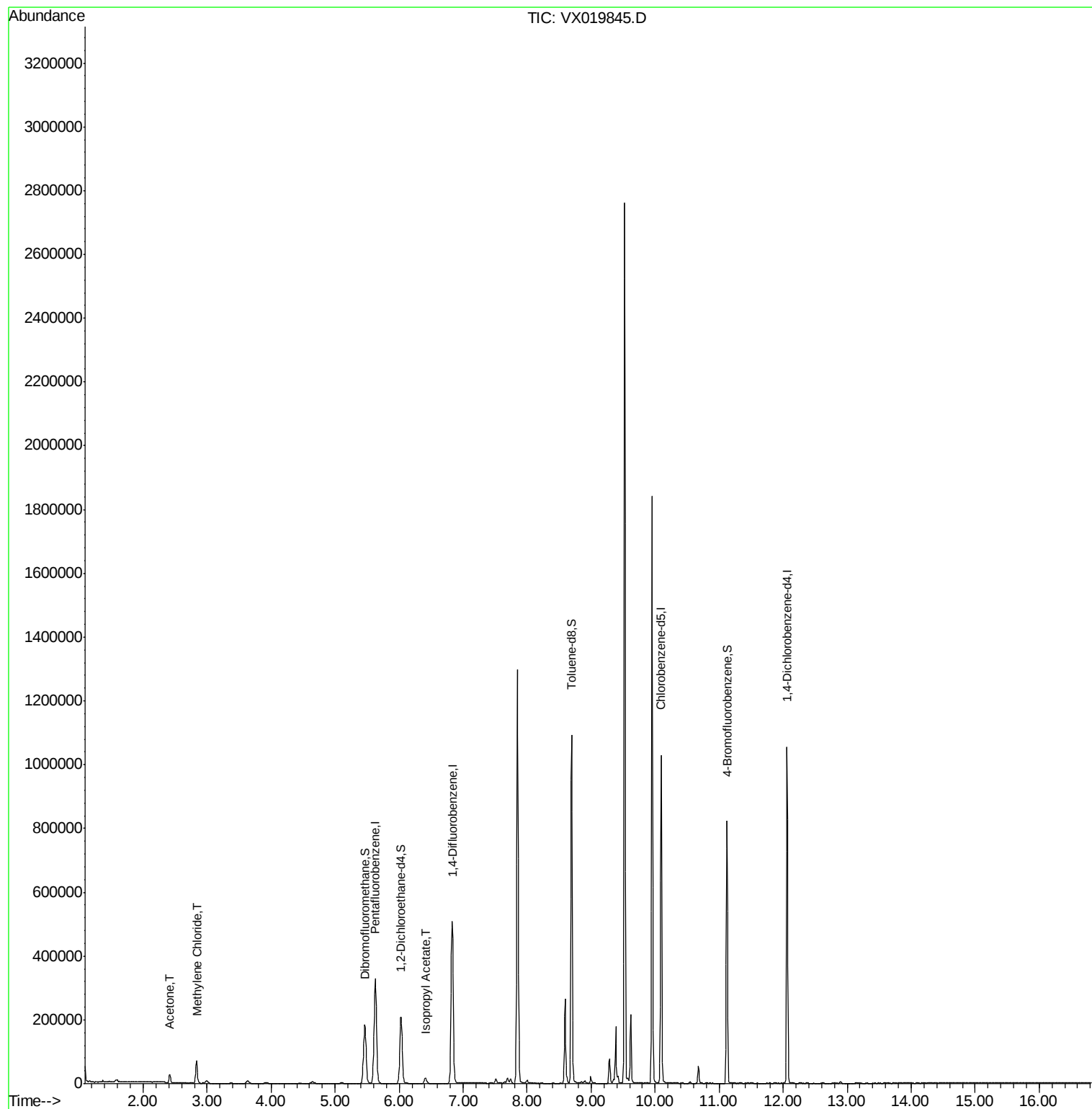
					Qvalue
16) Acetone	2.42	43	27693	17.876	ug/l 100
20) Methylene Chloride	2.84	84	33975	8.424	ug/l 98
43) Isopropyl Acetate	6.42	43	22118	2.838	ug/l 99

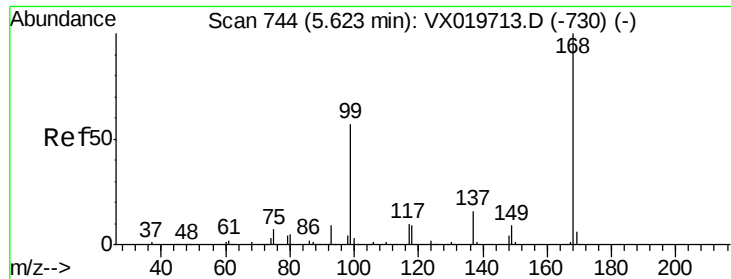
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019845.D

Acq: 11 Dec 2020 00:01

Instrument :

MSVOA_X

ClientSampleId :

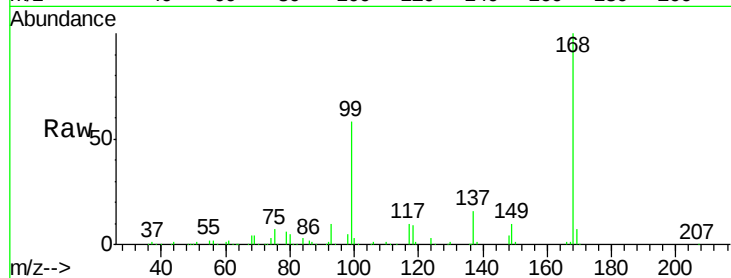
TR1-A-TOP

Tot Ion:168 Resp: 313596

Ion Ratio Lower Upper

168 100

99 57.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

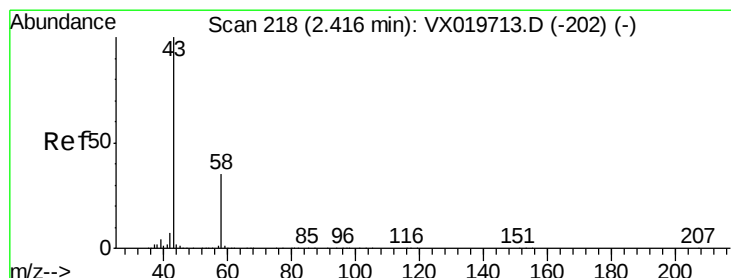
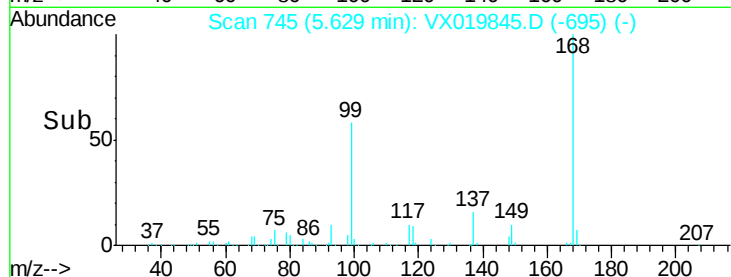
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.876 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019845.D

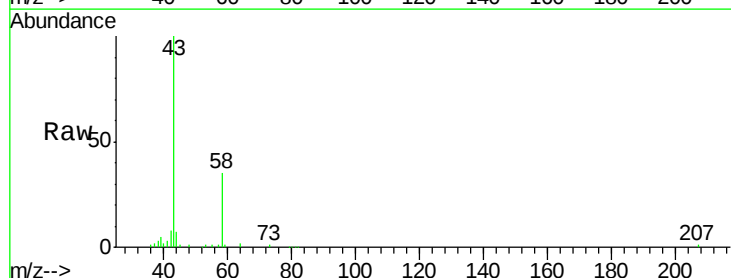
Acq: 11 Dec 2020 00:01

Tgt Ion: 43 Resp: 27693

Ion Ratio Lower Upper

43 100

58 35.0 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

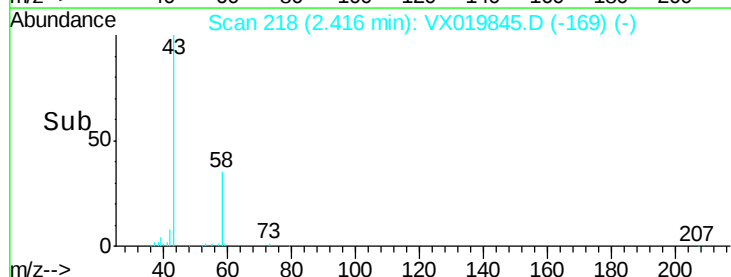
10000

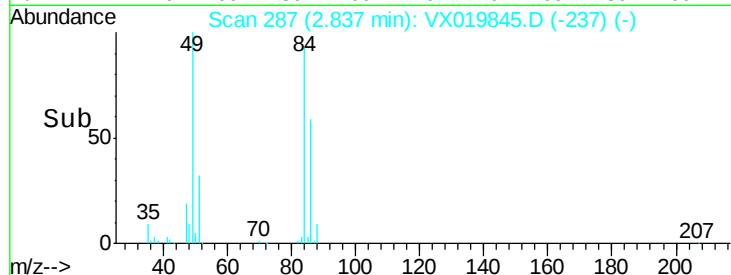
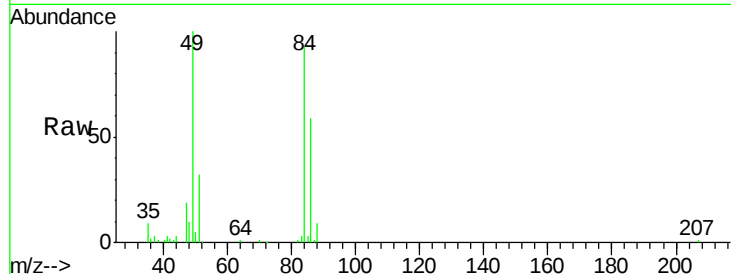
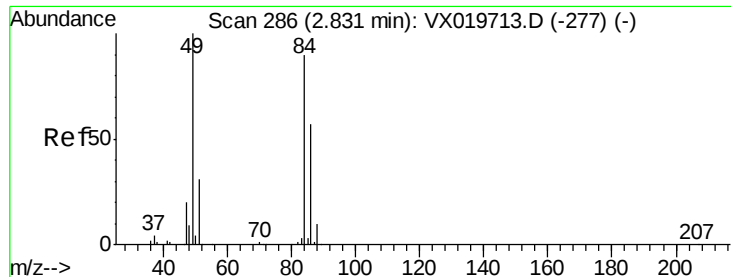
5000

0

Time-->

2.35 2.40 2.45 2.50

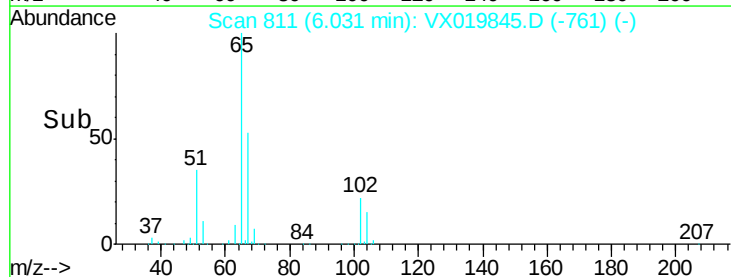
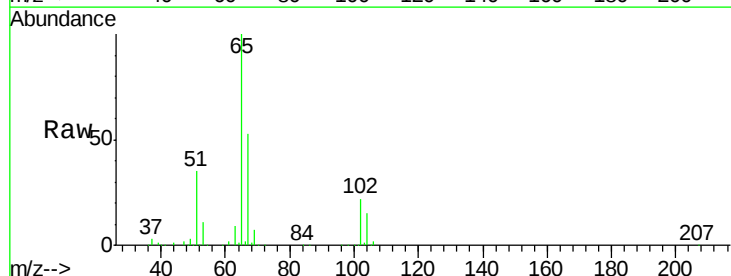
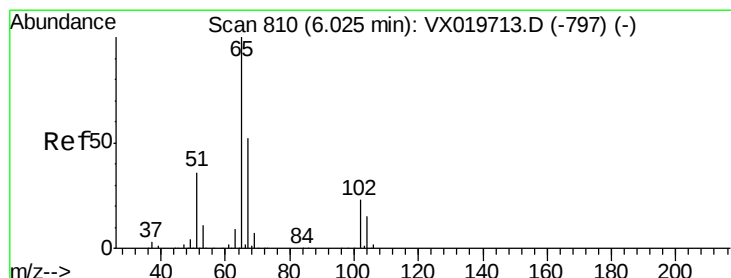
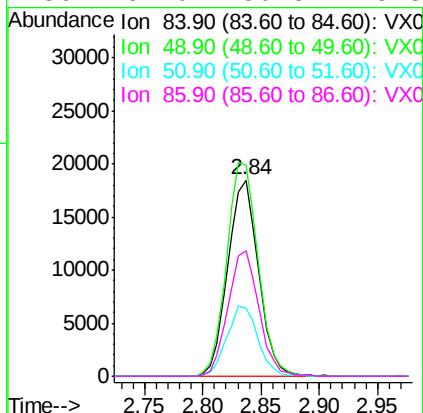




#20
Methvlene Chloride
Concen: 8.424 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019845.D
Acq: 11 Dec 2020 00:01

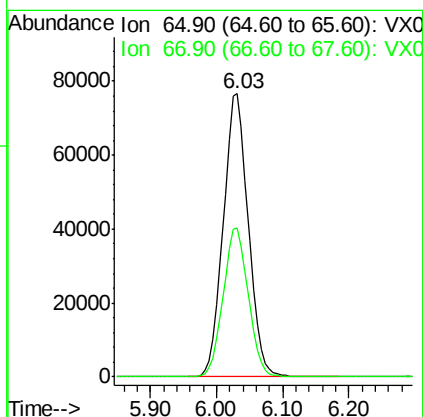
Instrument :
MSVOA_X
ClientSampleId :
TR1-A-TOP

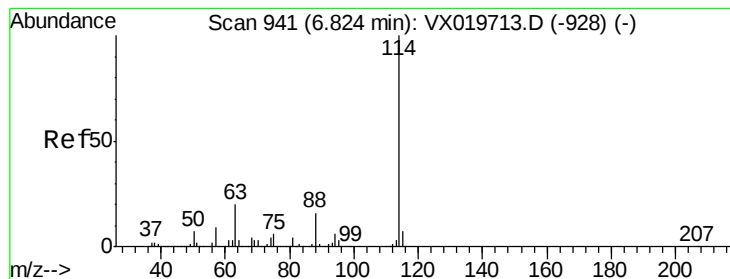
Tot Ion:	84	Resp:	33975
Ion	Ratio	Lower	Upper
84	100		
49	107.7	88.6	132.8
51	34.6	27.0	40.6
86	64.0	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 48.610 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019845.D
Acq: 11 Dec 2020 00:01

Tgt Ion:	65	Resp:	200349
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019845.D

Acq: 11 Dec 2020 00:01

Instrument :

MSVOA_X

ClientSampleId :

TR1-A-TOP

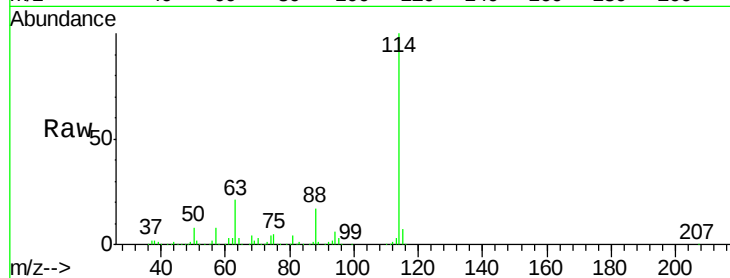
Tot Ion:114 Resp: 525366

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

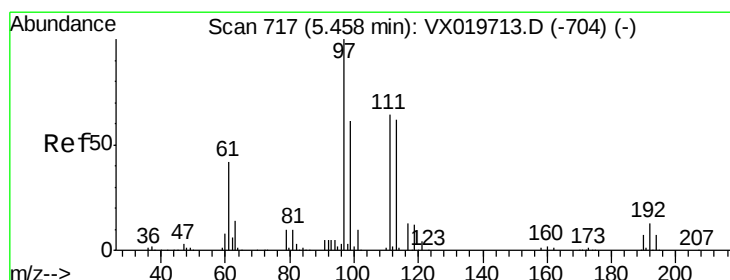
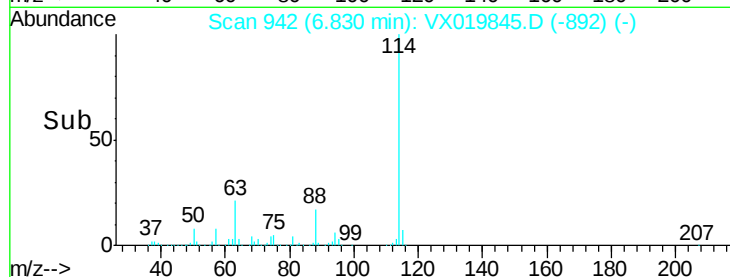
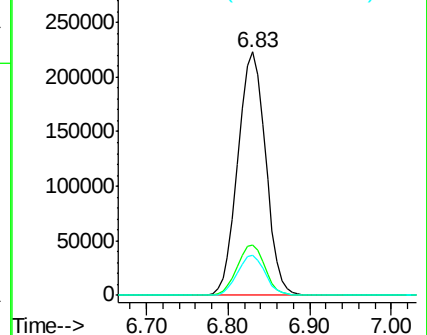
88 16.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.011 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019845.D

Acq: 11 Dec 2020 00:01

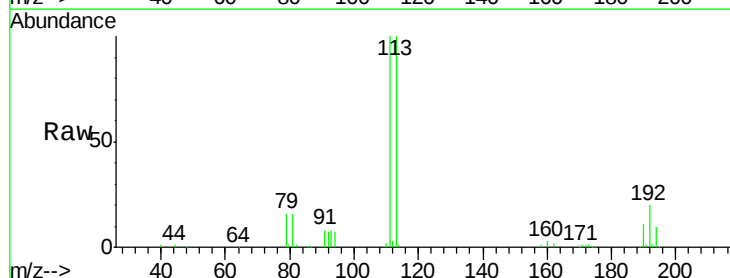
Tgt Ion:113 Resp: 163015

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

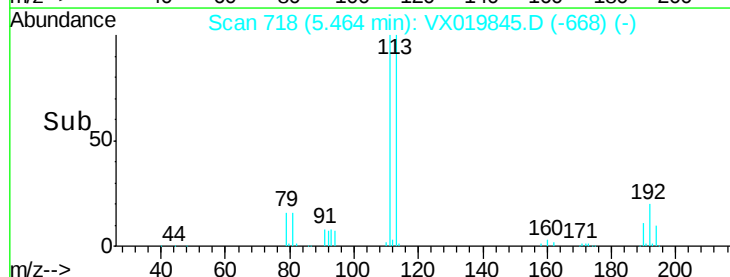
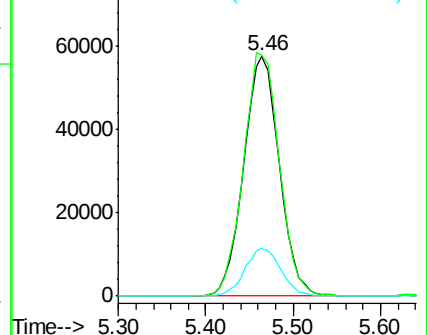
192 20.2 16.7 25.1

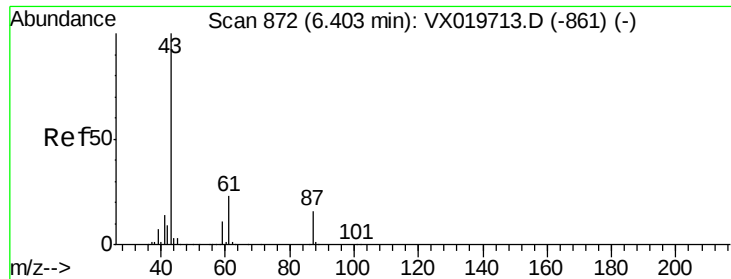


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.838 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019845.D

Acq: 11 Dec 2020 00:01

Instrument :

MSVOA_X

ClientSampled :

TR1-A-TOP

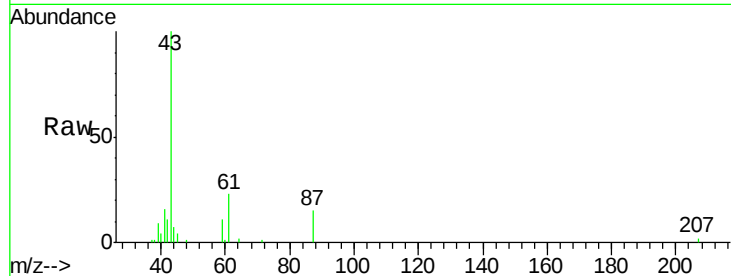
Tot Ion: 43 Resp: 22118

Ion Ratio Lower Upper

43 100

61 23.1 18.2 27.4

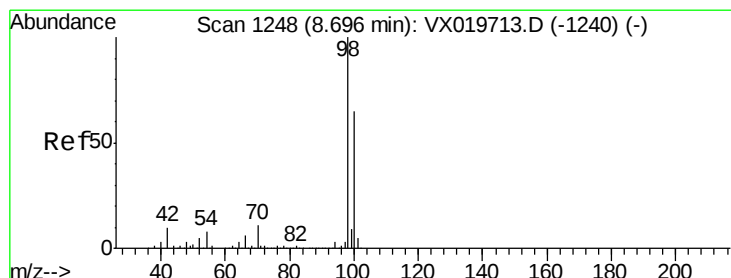
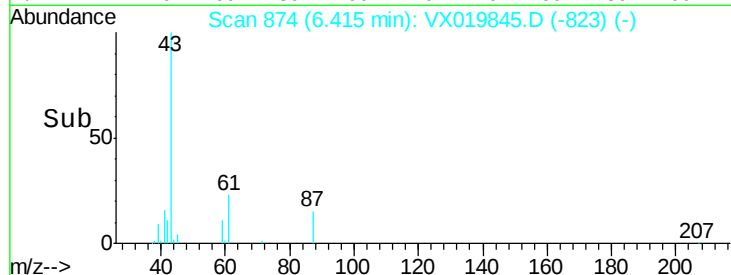
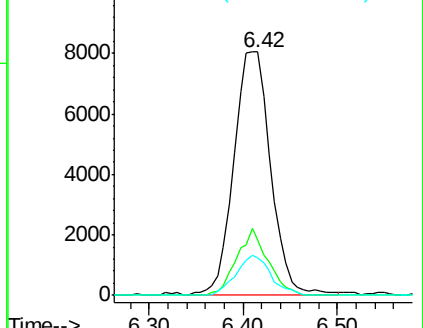
87 15.3 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.687 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019845.D

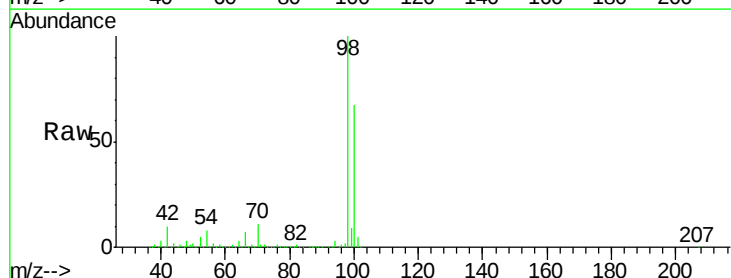
Acq: 11 Dec 2020 00:01

Tgt Ion: 98 Resp: 644068

Ion Ratio Lower Upper

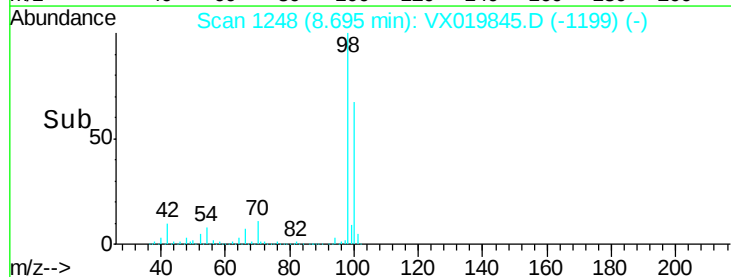
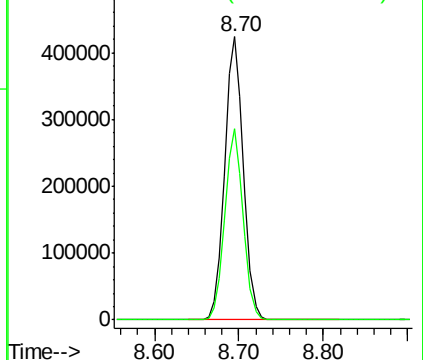
98 100

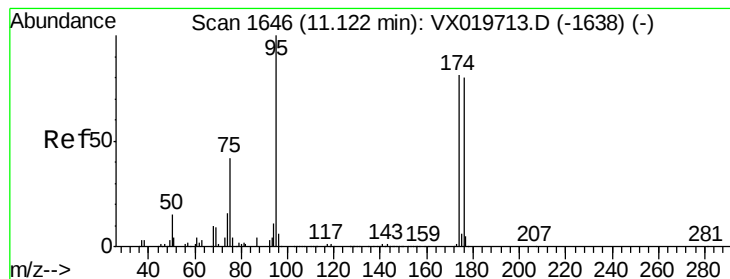
100 66.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.961 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019845.D

Acq: 11 Dec 2020 00:01

Instrument :

MSVOA_X

ClientSampleId :

TR1-A-TOP

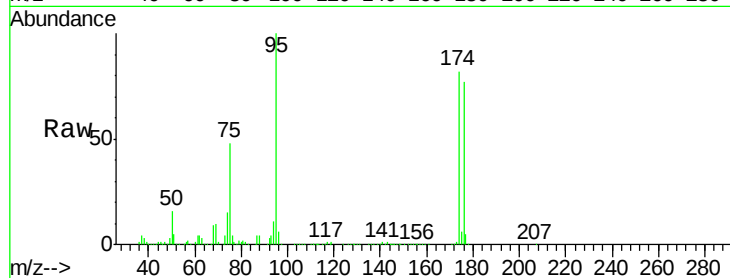
Tot Ion: 95 Resp: 226759

Ion Ratio Lower Upper

95 100

174 78.2 0.0 154.6

176 75.8 0.0 155.8

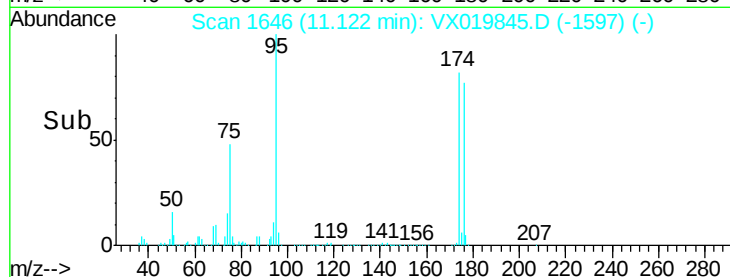


Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

Time-->

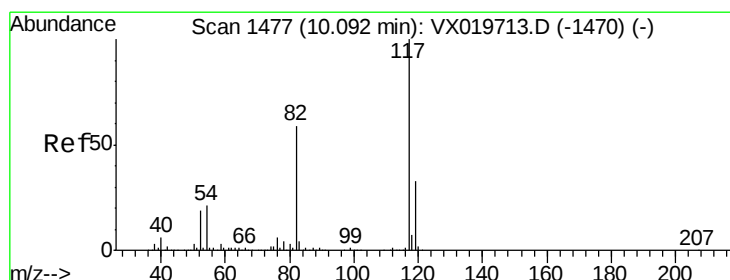


Abundance Ion 94.90 (94.60 to 95.60): VX019845.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019845.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019845.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019845.D

Acq: 11 Dec 2020 00:01

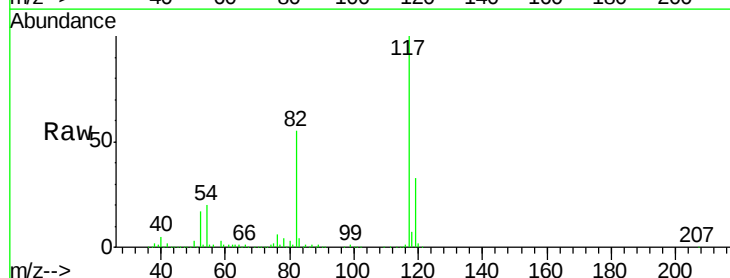
Tgt Ion: 117 Resp: 489573

Ion Ratio Lower Upper

117 100

82 55.4 47.4 71.2

119 32.9 26.6 39.8

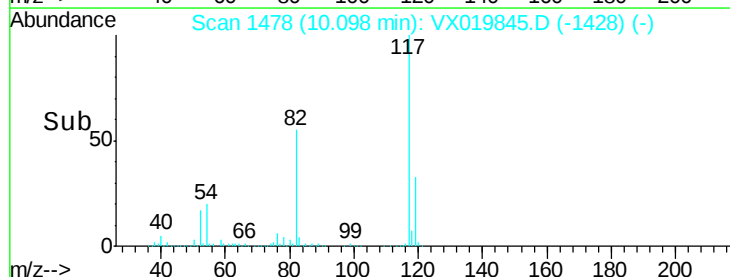


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

Time-->

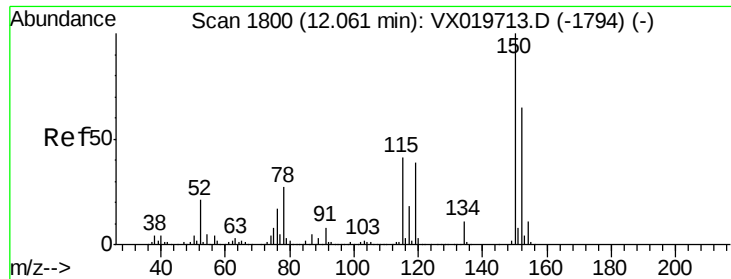


Abundance Ion 116.90 (116.60 to 117.60): VX019845.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019845.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019845.D (-1428) (-)

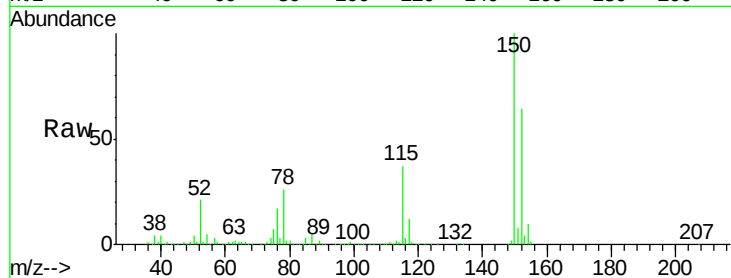
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VX019845.D
 Acq: 11 Dec 2020 00:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TR1-A-TOP

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.1	123.3
150	153.3	0.0	349.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

